

What is claimed.

1. (currently amended) A universal wheel, comprising big and small drum-shaped rollers, bat-shaped brackets, long and short mandrels, side panels, bearings, a central shaft and a wheel carrier, wherein the bat-shaped brackets, the long and short mandrels are assembled along the circumference direction of the wheel as a single line, an outer edge of the wheels is the wheel rim constituted by the big and small drum-shaped rollers; a long mandrel is disposed at the center of the small drum-shaped roller and which is installed on the bat-shaped brackets, lower parts of twosides of the bat-shaped brackets are each provided with one shaft hole respectively for fitting the short mandrel of the big drum-shaped roller, the big drum-shaped roller is fit over the short mandrel, two ends of the big drum-shaped roller are provided with grooves for inserting the two endsof the bat-shaped bracket and the big drum-shaped roller is supported between the two bat-shaped brackets, the big and small drum-shaped rollers are supported by the bat-shaped brackets and constitute the wheel rim; bearings are provided at the center of the side panels and with the center of the bearings as the central shaft installing wheel carrier there on, whereby the support of the bat-shaped bracket is not exposed to the outside.

2. (currently amended) The universal wheel as claimed in the claim 1, wherein the one of thetwo ends of the long mandrel is a shaft head in half-moon shape fitted with the same shape shaft hole on a base at one of the two sides of the bat-shaped bracket, and the shaft hole at the right base of the bat-shaped bracket is connected with the shaft head of the long mandrel and to be riveted together.

3. (currently amended) The universal wheel as claimed in the claim 1, wherein

the shaft heads at the two ends of the short mandrel are machined into half-moon shape to be connected with the shaft holes in the same shape at a tilted lower part of the bat-shaped brackets.

- 5           4. (currently amended) The universal wheel as claimed in the claim 1, wherein two sides at a middle part of the said bat-shaped brackets are provided with protruding stages in flat trapezoidal shape, and also the groove holes in a flat trapezoidal shape are provided at the two side panels in the corresponding positions with the above flat protruding stages on the bat-shaped brackets, the flat trapezoidal groove holes at the
- 10 two side panels are fixed with the same shape protruding stages at the bat-shaped brackets by insertion, and the wheel rim constructed by the big and small drum-shaped rollers together with bat-shaped brackets is fixed between the two side panels.

5. (original) The universal wheel as claimed in the claim 1, wherein the said big and
- 15 small drum-shaped rollers are three to thirty pairs.